



PATENT APPLICATION  
Attorney Docket: 678-362

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): KIM et al.

Examiner: LE, Lana N.

Serial No.: 09/405,328

Group: Art Unit 2685

Filed: September 24, 1999

For: **APPARATUS AND METHOD OF SEARCHING FOR PN SEQUENCE  
PHASE IN MULTI CARRIER CDMA MOBILE COMMUNICATION  
SYSTEM**

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RECEIVED**

DEC 31 2003

Technology Center 2600

**AMENDMENT TRANSMITTAL FORM**

Sir:

Transmitted herewith is an amendment in the above-identified application.

- ☐ Small entity status of this application under 37 C.F.R. §§1.9 and 1.27 has been established by a verified statement previously submitted.
- ☐ A verified statement to establish small entity under 37 C.F.R. §§1.9 and 1.27 is enclosed.
- ☒ No additional fee is required.

For	Claims Remaining After Amendment	Highest No. Previously Paid For	Present Extra	Rate (Small Entity)	Addit. Fee	Rate	Addit. Fee
TOTAL CLAIMS*	18	20	0	x 9 =	\$0	x 18 =	\$0
INDEPENDENT CLAIMS	3	3	0	x 43 =	\$0	x 86 =	\$0
<input type="checkbox"/> First Presentation of Multiple Dep. Claim				145		290	\$0

\* If the entry in Col. 1 is less than entry in Col. 2, write "0" in Col. 3.

\*\* If the "Highest No. Previously Paid for" IN THIS SPACE is less than 20, enter "20".

\*\*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The Highest No. Previously Paid For" (Total or indep.) is the highest number found in the appropriate box in Col. 1 of a prior amendment or the number of claims originally filed.

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

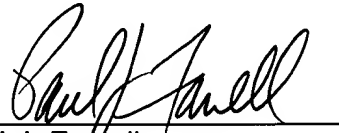
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: December 22, 2003

Michael J. Musella

- ☐ Please charge Deposit Account No. 04-1121 in the amount of \$\_\_\_\_. Two (2) copies of this sheet are enclosed.
- ☐ A check in the amount of \$\_\_ is enclosed.
- ☒ Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. §§1.16 and/or 1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 04-1121. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 04-1121 therefor. A DUPLICATE OF THIS SHEET IS ENCLOSED.

Respectfully submitted,



Paul J. Farrell  
Reg No. 33,494  
Attorney for Applicant(s)

DILWORTH & BARRESE, LLP  
333 Earle Ovington Blvd.  
Uniondale, NY 11553  
(516) 228-8484



PATENT APPLICATION  
Attorney Docket No.: 678-362 (P8931)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**APPLICANT(S):** KIM, et al. **GROUP:** ART UNIT 2685  
**APPLICATION NO.:** 09/405,328 **EXAMINER:** Le Lana N.  
**FILING DATE:** September 24, 1999 **DATED:** December 22, 2003

**FOR: APPARATUS AND METHOD OF SEARCHING FOR PN SEQUENCE  
PHASE IN MULTI CARRIER CDMA MOBILE COMMUNICATION  
SYSTEM**

Mail Stop Non-Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RECEIVED**

DEC 31 2003

Technology Center 2600

**RESPONSE**

Sir:

In response to the Office Action of the United States Patent and Trademark Office dated September 25, 2003, please consider the following amendments and remarks.

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8 (a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope, addressed to the: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 22, 2003

Dated: December 22, 2003

Michael J. Musella